

7.0 BELLCORE ACTIVITIES.....	13
TASK #52: Initial Load Requirements Issued (Y Factor).....	13
TASK #53: File Layout.....	13
TASK #54: Error Correction.....	13
TASK #55: NASC Exception Process.....	13
TASK #56: SMS Performance Testing.....	13
TASK #57: SCP Performance Testing.....	13
TASK #58: CSB Y Factor Notification Sent.....	14
TASK #59: DSMI Requirements Sent.....	14
TASK #60: Y Factor File Test Receipt Period.....	14
TASK #61: Y Factor Test Confirmation Files Sent.....	14
TASK #62: Initial Y Factor File Received.....	14
TASK #63: Aggregated Y Factor Information Tallied.....	14
TASK #64: Perform Initial Y Factor Validation.....	14
TASK #65: RESP ORG 888 GA Test Conference Call.....	14
TASK #66: Release 7.1/8.0 GA.....	14
TASK #67: Y Factor Confirmation Files Sent.....	14
TASK #68: Y Factor Error Correction Files Received.....	14
TASK #69: 800 Pent Up Demand Reservation Relief.....	15
TASK #70: Perform Y Factor Error Correction Validation.....	15
TASK #71: Y Factor Error Correction Confirmation Files.....	15
TASK #72: SMS Y Factor Data Base Load.....	15
TASK #73: 888 Timely Reservation Begins.....	15
TASK #74-#77: Weekly Number Administration Monitoring Conference Call.....	15
TASK #78-#79: 888 Programmatic Record Download Begins.....	15
TASK #80: Daily SMS Impact Call.....	15
TASK #81: Programmatic Record Download.....	15
TASK #82: Daily SMS Impact Call.....	15
TASK #83: Programmatic Record Download.....	16
TASK #84: Daily SMS Impact Call.....	16
TASK #85: Weekly Number Administration Monitoring Conference Call.....	16
TASK #86: Programmatic Record Download.....	16
TASK #87: Daily SMS Impact Call.....	16
TASK #88: Programmatic Record Download.....	16
TASK #89: Daily SMS Impact Call.....	16
TASK #90: SMS Impact Decision Point.....	16
8.0 LEC 888 NETWORK TEST PLAN.....	17
TASK #93: EO/IT Transition and Test.....	17
TASK #94: SCP Test Tool.....	17
TASK #95: Receive SSP Upgrades.....	17
TASK #96: Soak SSPs.....	17
TASK #97: Modify STPs.....	17
TASK #98: Deploy SSP Upgrades.....	17
TASK #99: STP Global Title Translations.....	17
TASK #100: Intra-Network Testing.....	17
TASK #101: SCP Rollout.....	18
TASK #102: Config 1 Controlled Introduction.....	18
TASK #103: Config 2 Controlled Introduction.....	18
TASK #104: SCP Upgrades.....	18
TASK #105: Intra-Network Testing.....	18
TASK #106: National Testing.....	18
TASK #107: 8610 Compliance.....	18
TASK #108: Network Ready.....	18

9.0 SCP OWNER OPERATOR.....	19
TASK #111: Go/Hold SCP Data Base Load.....	19
TASK #112: Network Service Ready Date.....	19
10.0 NOF TEST PLAN ACTIVITIES.....	19
TASK #115: Internetwork Testing.....	19
TASK #116: National Testing.....	19
11.0 RESP ORG ACTIVITIES.....	19
TASK #119: Receipt of DSMI Requirements.....	19
TASK #120: Send Y Factor Test File.....	19
TASK #121: Y Factor Test Confirmation File Received.....	19
TASK #122: Send Y Factor Initial Load File.....	19
TASK #123: RESP ORG 888 GA Test Conference Call.....	19
TASK #124: Release 7.1/8.0 GA.....	19
TASK #125: Initial Y Factor Confirmation Data Received.....	20
TASK #126: Reconciliation of Y Factor Initial Load File.....	20
TASK #127: Send Y Factor Error Correction File.....	20
TASK #128: Y Factor Error Correction Confirmation Received.....	20
TASK #129: 800 Pent Up Demand Reservation Relief.....	20
TASK #130: 888 Timely Reservation Begins.....	20
TASK #131: 888 Programmatic Record Download Begins.....	20
TASK #132: 888 Programmatic Record.....	20

## 1.0 Introduction

In mid-1994, the industry realized that the national database of 800 numbers which is administered by the SMS/800 was running out of available 800 numbers. The rate at which new 800 numbers were being assigned was significantly higher than had been previously projected. In August, 1994, the North American Numbering Plan Administrator (NANPA) requested the Industry Numbering Committee (INC), a committee of the Industry Carriers Compatibility Forum (ICCF), to consider the rapid depletion of numbers and determine what, if any, corresponding actions should be taken. The INC accepted the request and began evaluation the situation. Initial reviews indicated that the numbering resource that the SMS/800 system currently manages would exhaust some time between late 1995 and early 1996. INC determined that additional numbering resources would be needed to meet the future demand for 800 service. On January 15, 1995, INC designated "888" as the new code (with 877, 866, 855 et. to also be reserved for use after 888). This plan outlines the major activities that need to take place to meet the March 1, 1996 Service Availability date of 888. Service Availability should be perceived to mean that the vast majority of customers have service from a majority of the North American locations as of March 1, 1996.

Note: Information was taken directly from the LEC "888 Portability" Network Implementation Plan and the NOF Test Plan to detail the activities.

## 2.0 Background

To date, 800 is the only toll free SAC available in SMS for Called Party Pay number assignments. When portability re-engineered the 10 digit number assignment process through SMS, most 800 NXX codes were already available for assignment. As 800 exhaust drew closer, new 800 NXX codes were opened on an availability scheduled date, but system impacts were minimal because of the size of the pool of new numbers opening up (1 NXX = 10,000 numbers) and customer impacts were minimal because of the uniqueness of the resource assignment (no Y factor impacts).

With the opening of new toll free SAC codes, the resource pool availability is vastly improved to the tune of 7.9 million numbers with each new SAC. Due to the uniqueness of the situation (Y factor and brand protection issues) when coupled with the expected rush to meet customer expectations (get the good numbers), system impacts and customer impacts need to be addressed. Thus, OBF Issue Number 1155 was submitted and accepted.

The desired results were for the Industry to minimize system and customer impacts by establishing a Toll Free SAC Implementation Plan. This plan will address possible customer confusion and allow for the continued provision of world class communication services in the toll free arena.

The SNAC Objectives are:

- Defer availability of 888 numbers based on Resp Org defined numbers that customers have replication concerns over.

- Focus on the roll out of 888 to meet pent up demand and new service requirements of customers.

- Protect systemic processes from overload.

ID	Name	Duration	Scheduled Start	Scheduled Finish	Predecessors
1	888 PROJECT TRACKING	485.38ed	11/2/94 8:00am	3/1/96 5:00pm	
2	Project Tracking Activities	213.38ed	8/1/95 8:00am	3/1/96 5:00pm	
3	Full 888 Data Base Access Service	0ed	3/1/96 8:00am	3/1/96 8:00am	
4	Industry Forum Coordination	213.38ed	8/1/95 8:00am	3/1/96 5:00pm	
5	Industry Forum Coordination	213.38ed	8/1/95 8:00am	3/1/96 5:00pm	
6	Network Issues Resolved by NOF	167ed	8/1/95 5:00pm	1/15/96 5:00pm	
7	Testing Coordination	172.38ed	8/11/95 8:00am	1/30/96 5:00pm	
8	Testing Coordination Activities	172.38ed	8/11/95 8:00am	1/30/96 5:00pm	
9	Industry Go/Hold Date	0d	1/30/96 8:00am	1/30/96 8:00am	
10					
11	SMS ACTIVITIES	423.38ed	11/2/94 8:00am	12/30/95 5:00pm	
12	888 Development	262.38ed	11/2/94 8:00am	8/11/95 5:00pm	
13	Product Testing	139.38ed	8/12/95 8:00am	12/29/95 5:00pm	12
14	MGI Lab to Lab Testing	88.38ed	9/18/95 8:00am	12/15/95 5:00pm	12
15	MGI Volume Testing	14.38ed	12/1/95 8:00am	12/15/95 5:00pm	12
16	Guest Testing/Service Providers	4.38ed	10/2/95 8:00am	10/8/95 5:00pm	12
17	Guest Testing/SCP Owner Operators	1.38ed	10/8/95 8:00am	10/10/95 5:00pm	12
18	Batch Update	31.38ed	10/16/95 8:00am	11/16/95 5:00pm	12
19	RESP ORG 888 GA Test Conf. Call	0.13ed	12/30/95 2:00pm	12/30/95 5:00pm	12
20	Release 7.1/8.0 GA	0d	12/30/95 5:00pm	12/30/95 5:00pm	13,14,15,16,17,18,19
21					
22	SNAC ACTIVITIES	263.38ed	8/12/95 8:00am	3/1/96 5:00pm	
23	888 Implementation Issues Accepted	0d	8/12/95 8:00am	8/12/95 8:00am	
24	LEC 888 Network Test Plan Walkthrough	0d	7/23/95 8:00am	7/23/95 8:00am	
25	Develop Initial Load Process (Y Factor)	21ed	8/25/95 8:00am	9/15/95 8:00am	
26	Develop Initial Load Requirements (Y Fctr)	21ed	8/25/95 8:00am	9/15/95 8:00am	25
27	Dev Initial Load Error Cor. Process (Y Fctr)	21ed	8/25/95 8:00am	9/15/95 8:00am	26
28	FCC Issues NPRM	0.38ed	10/5/95 8:00am	10/5/95 5:00pm	
29	Develop Timely Reservation Guidelines	10d	10/13/95 8:00am	10/28/95 5:00pm	
30	Industry Provides NPRM Comments	0.38ed	11/1/95 8:00am	11/1/95 5:00pm	28
31	NPRM Comment Reply	0.38ed	11/15/95 8:00am	11/15/95 5:00pm	28
32	Number Guideline Review/Revision	76ed	11/15/95 8:00am	1/30/96 8:00am	31
33	RESP ORG 888 GA Test Conf. Call	0.13ed	12/30/95 2:00pm	12/30/95 5:00pm	12
34	Release 7.1/8.0 GA	0d	12/30/95 5:00pm	12/30/95 5:00pm	33
35	800 Pent Up Demand Reservation Relief	7ed	1/14/96 12:01am	1/20/96 11:59pm	
36	888 Timely Rervation Begins (CST)	0d	1/24/96 9:00am	1/24/96 9:00am	72
37	1st Wkly # Admin. Monitoring Conf. Call	0d	1/30/96 11:15am	1/30/96 11:15am	36
38	2nd Wkly # Admin. Monitoring Conf. Call	0d	2/6/96 11:15am	2/6/96 11:15am	37
39	3rd Wkly # Admin. Monitoring Conf. Call	0d	2/13/96 11:15am	2/13/96 11:15am	38
40	4th Wkly # Admin. Monitoring Conf. Call	0d	2/20/96 11:15am	2/20/96 11:15am	39
41	888 Programmatic Download Begins	1ed	2/25/96 12:01am	2/25/96 11:59pm	20,36,106,116
42	Daily SMS Impact Monitoring Conf. Calls Be	0d	2/28/96 11:15am	2/28/96 11:15am	41
43	2nd Daily SMS Impact Call	0d	2/27/96 11:15am	2/27/96 11:15am	42
44	5th Wkly # Admin. Monitoring Conf. Call	0d	2/27/96 11:15am	2/27/96 11:15am	40
45	3rd Daily SMS Impact Call	0d	2/28/96 11:15am	2/28/96 11:15am	43
46	4th Daily SMS Impact Call	0d	2/29/96 11:15am	2/29/96 11:15am	45
47	888 Programmatic Download Ends	0d	2/29/96 11:59pm	2/29/96 11:59pm	
48	5th Daily SMS Impact Call	0d	3/1/96 11:15am	3/1/96 11:15am	46
49	SMS Impact Decision Point	0.24ed	3/1/96 11:15am	3/1/96 5:00pm	48
50					
51	BELLCORE ACTIVITIES	168.38ed	9/15/95 8:00am	3/1/96 5:00pm	
52	Initial Load Reqrmts Issued (Y Factor)	15.38ed	9/15/95 8:00am	9/30/95 5:00pm	
53	File Layout	15.38ed	9/15/95 8:00am	9/30/95 5:00pm	25,26
54	Error Correction	15.38ed	9/15/95 8:00am	9/30/95 5:00pm	27,53
55	Nasc Exception Process	15.38ed	9/15/95 8:00am	9/30/95 5:00pm	54
56	SMS Performance Testing	59.38ed	10/16/95 8:00am	12/14/95 5:00pm	12
57	SCP Performance Testing	74.38ed	10/16/95 8:00am	12/29/95 5:00pm	

ID	Name	Duration	Scheduled Start	Scheduled Finish	Predecessors
58	CSB Y Factor Notification Sent	0.38ed	11/10/95 8:00am	11/10/95 5:00pm	
59	DSMI Requirements Sent	0.38ed	11/10/95 8:00am	11/10/95 5:00pm	
60	Y Factor File Test Receipt Period	7.38ed	11/15/95 8:00am	11/22/95 5:00pm	58
61	Y Factor Test Confirmation Files Sent	0.38ed	12/1/95 8:00am	12/1/95 5:00pm	60
62	Initial Y Factor File Received	0.38ed	12/14/95 8:00am	12/14/95 5:00pm	55
63	Aggregated Y Factor Information Tallied	0.38ed	12/15/95 8:00am	12/15/95 5:00pm	62
64	Perform Initial Y Factor Validation	19.38ed	12/14/95 8:00am	1/2/96 5:00pm	62
65	RESP ORG 888 GA Test Conf. Call	0.13ed	12/30/95 2:00pm	12/30/95 5:00pm	12
66	Release 7.1/8.0 GA	0d	12/30/95 5:00pm	12/30/95 5:00pm	65
67	Y Factor Confirmation Files Sent	0.38ed	1/3/96 8:00am	1/3/96 5:00pm	64
68	Y Factor Error Correction Files Received	0.38ed	1/10/96 8:00am	1/10/96 5:00pm	67
69	800 Pent Up Demand Reservation Relief	7ed	1/14/96 12:01am	1/20/96 11:59pm	
70	Perform Y Factor Error Correction Validation	7.38ed	1/11/96 8:00am	1/18/96 5:00pm	68
71	Y Factor Error Correction Confirmation Files	0.38ed	1/18/96 8:00am	1/18/96 5:00pm	70
72	SMS Y Factor Data Base Load	18.38ed	1/1/96 8:00am	1/19/96 5:00pm	62
73	888 Timely Reservation Begins (CST)	0d	1/24/96 9:00am	1/24/96 9:00am	72
74	1st Wldy # Admin. Monitoring Conf. Call	0d	1/30/96 8:00am	1/30/96 8:00am	73
75	2nd Wldy # Admin. Monitoring Conf. Call	0d	2/6/96 11:15am	2/6/96 11:15am	74
76	3rd Wldy # Admin. Monitoring Conf. Call	0d	2/13/96 11:15am	2/13/96 11:15am	75
77	4th Wldy # Admin. Monitoring Conf. Call	0d	2/20/96 11:15am	2/20/96 11:15am	76
78	888 Programmatic Record Download Begins	0d	2/28/96 12:01am	2/28/96 12:01am	20,36,106,116
79	Day 1 Programmatic Record Download	1ed	2/28/96 12:01am	2/28/96 11:59pm	73
80	Daily SMS Impact Monitoring Conf. Calls Be	0d	2/28/96 11:15am	2/28/96 11:15am	78
81	Day 2 Programmatic Record Download	1ed	2/27/96 12:01am	2/27/96 11:59pm	79
82	2nd Daily SMS Impact Call	0d	2/27/96 11:15am	2/27/96 11:15am	80
83	Day 3 Programmatic Record Download	1ed	2/28/96 12:01am	2/28/96 11:59pm	81
84	3rd Daily SMS Impact Call	0d	2/28/96 11:15am	2/28/96 11:15am	82
85	5th Wldy # Admin. Monitoring Conf. Call	0d	2/28/96 11:15am	2/28/96 11:15am	77
86	Day 4 Programmatic Record Download	1ed	2/29/96 12:01am	2/29/96 11:59pm	83
87	4th Daily SMS Impact Call	0d	2/29/96 11:15am	2/29/96 11:15am	84
88	888 Programmatic Record Download Ends	0d	2/29/96 11:59am	2/29/96 11:59am	86
89	5th Daily SMS Impact Call	0d	3/1/96 11:15am	3/1/96 11:15am	87
90	SMS Decision Point	0.24ed	3/1/96 11:15am	3/1/96 5:00pm	89
91					
92	LEC 888 NETWORK TEST PLAN	182ed	9/1/95 8:00am	3/1/96 8:00am	
93	EO/AT Trans & Test	177.38ed	9/1/95 8:00am	2/25/96 5:00pm	
94	SCP Test Tool	0.38ed	9/1/95 8:00am	9/1/95 5:00pm	
95	Receive SSP Upgrades	88.38ed	11/3/95 8:00am	1/30/96 5:00pm	
96	Soak SSPs	114.38ed	11/3/95 8:00am	2/25/96 5:00pm	95
97	Modify STPs	90.38ed	9/30/95 8:00am	12/29/95 5:00pm	
98	Deploy SSP Upgrades	107.38ed	11/10/95 8:00am	2/25/96 5:00pm	96
99	STP Global Title Trans	120.38ed	10/30/95 8:00am	2/27/96 5:00pm	
100	Intranetwork Testing	106.38ed	11/11/95 8:00am	2/25/96 5:00pm	
101	SCP Rollout	56.38ed	1/2/96 8:00am	2/27/96 5:00pm	
102	Config 1 Control Intr	17.38ed	1/2/96 8:00am	1/19/96 5:00pm	
103	Config 2 Control Intr	8.38ed	1/16/96 8:00am	1/24/96 5:00pm	102
104	SCP Upgrades	39.38ed	1/19/96 8:00am	2/27/96 5:00pm	93,94,95,96,97,98,99,100,102
105	Intranetwork Testing	53.38ed	1/5/96 8:00am	2/27/96 5:00pm	104
106	National Testing	1.38ed	2/28/96 8:00am	2/29/96 5:00pm	105
107	8810 Compliance	0d	3/1/96 8:00am	3/1/96 8:00am	
108	Network Ready	0d	3/1/96 8:00am	3/1/96 8:00am	106
109					
110	SCP OWNER OPERATOR	23ed	2/7/96 8:00am	3/1/96 8:00am	
111	Go/Hold SCP Data Base Load	0.38ed	2/7/96 8:00am	2/7/96 5:00pm	
112	Network Service Ready Date	0d	3/1/96 8:00am	3/1/96 8:00am	20,106,116
113					
114	NOF TEST PLAN ACTIVITIES	35.38ed	1/25/96 8:00am	2/29/96 5:00pm	

## 888SAC.MPP

ID	Name	Duration	Scheduled Start	Scheduled Finish	Predecessors
115	Internetwork Testing	33.38ed	1/25/96 8:00am	2/27/96 5:00pm	100,105
116	National Testing	1.38ed	2/28/96 8:00am	2/29/96 5:00pm	115
117					
118	RESP ORG ACTIVITIES	108.67ed	11/13/95 8:00am	2/29/96 11:59pm	
119	Receipt of DSMI Requirements	0.38ed	11/13/95 8:00am	11/13/95 5:00pm	59
120	Send Y Factor Test File	8.38ed	11/14/95 8:00am	11/22/95 5:00pm	119
121	Y Factor Test File Confirmation Received	0.38ed	12/2/95 8:00am	12/2/95 5:00pm	61
122	Send Y Factor Initial Load File	0.38ed	12/14/95 8:00am	12/14/95 5:00pm	25,26,27,54
123	RESP ORG 888 GA Test Conf. Call	0.13ed	12/30/95 2:00pm	12/30/95 5:00pm	12
124	Release 7.1/8.0 GA	0d	12/30/95 5:00pm	12/30/95 5:00pm	123
125	Initial Y Factor Confirmation Data Received	0.38ed	1/4/96 8:00am	1/4/96 5:00pm	72,124
126	Reconciliation of Y Factor Initial Load File	5.38ed	1/4/96 8:00am	1/8/96 5:00pm	125
127	Send Y Factor Error Correction File	0.38ed	1/10/96 8:00am	1/10/96 5:00pm	126
128	Y Factor Error Correction Confirmation Rece	0.38ed	1/20/96 8:00am	1/20/96 5:00pm	71
129	800 Pent Up Demand Reservation Relief	7ed	1/14/96 12:01am	1/20/96 11:59pm	
130	888 Timely Reservation Begins (CST)	0d	1/24/96 9:00am	1/24/96 9:00am	126
131	888 Programmatic Record Download Begins	0d	2/28/96 12:01am	2/28/96 12:01am	20,36,106,116
132	888Programmatic Record Download Ends	0d	2/29/96 11:59pm	2/29/96 11:59pm	131

#### **4.0 PROJECT TRACKING**

This group of activities outlines the scope of the 888 Project Implementation schedule from a scheduling and Industry coordination perspective.

##### **TASK #2: Project Tracking Activities**

Although the 888 Implementation issue (OBF 1155) was accepted June 12, 1995, the project plan itself began to be developed later, when SNAC started to "track" 888 Industry related work. August 1, 1995 marks the approximated project tracking "begin date".

##### **TASK #3: Full 888 Data Base Access Service**

The official end date for 888 Implementation, meaning that 888 routing and "full service" has been achieved.

##### **TASK #4: Industry Forum Coordination**

The Industry Forum Coordination is a summary activity specifically defined to incorporate the following two sub-tasks which are Task #5 and Task #6.

##### **TASK #5: Industry Forum Coordination**

Related issues and assistance between other Industry Forums such as INC, ASR, etc. may be necessary through the length of the project.

##### **TASK #6: Network Issues Resolved by NOF**

Due to the network impacts of 888 Implementation, the NOF is separately identified for their key contributions in network certification. It is expected that this certification will be received prior to the March 1, 1996 "in service" date.

##### **TASK #7: Testing Coordination**

Testing Coordination is a summary task detailing Task #8 and Task #9.

##### **TASK #8: Testing Coordination Activities**

Testing by IXC's, EC's, DSMI, Resp Orgs includes software and network testing.

##### **TASK #9: Industry Go/Hold Date**

A Go/No Go date of 1/30 is targeted to review testing progression and associated details to ensure a successful implementation.

## **5.0 SMS ACTIVITIES**

### **TASK # 12: 888 Development**

The SMS developers are responsible to build the code to support 888 requirements for the Industry.

### **TASK #13: Product Testing**

The SMS Product Developers test internally the new code that was developed and perform regression testing.

### **TASK #14: MGI Lab to Lab Testing**

MGI users complete system product testing in a controlled environment to ensure that implementation of the revised interface is operationally acceptable.

### **TASK #15: MGI Volume Testing**

MGI users complete system volume testing in a controlled environment ensuring operationally acceptable results.

### **TASK #16: Guest Testing/Service Providers**

During this time interval Resp Orgs can participate in remote user testing of the new SMS/800 code in a controlled environment to ensure that it is operationally acceptable.

### **TASK #17: Guest Testing/ SCP Owner Operators**

During this time interval SCP Owner Operators will participate in remote testing of the new SMS/800 release prior to its availability to ensure SMS/SCP interfaces are operation ready.

### **TASK #18: Batch Update**

Resp Orgs who utilize the batch update process can test their process in the new SMS/800 release to ensure that their implementation of the revised batch tape format specifications are working properly.

### **TASK #19: RESP ORG 888 GA Test Conference Call**

A conference call has been established so all Resp Orgs can monitor the progress of the release 7.1/8.0 GA. The Resp Orgs will have until 5:00 PM CST to perform testing with the new software in place.

### **TASK #20: Release 7.1/8.0 GA**

The SMS/800 General Availability (GA) date represents the date that the SMS/800 software to support the new code will be moved into the SMS/800 production system in Kansas City as fully tested and operation ready. 888 Code Activity for reservations and subsequent activations are defined as separate activities and do not begin on the SMS/800 GA date (12/30/95).



## **6.0 SNAC ACTIVITIES**

### **TASK #23: 888 Implementation Issue Accepted**

Issue number 1155 was introduced and accepted at OBF #50.

### **TASK #24: LEC 888 Network Test Plan Walkthrough**

At OBF #50, SNAC requested to receive a walkthrough on the National LEC 888 Network Test Plan at the following OBF #51.

### **TASK #25: Develop Initial Load Process (Y Factor)**

SNAC defines its process requirements for loading Y Factor 888 numbers and provides those requirements to Bellcore. While the SNAC awaits the FCC decision on 888 Y FACTOR numbers, the committed had put forth a recommendation to make these numbers UNAVAILABLE before Timely Reservation and Normal 888 reservations begin. SNAC and DSMI work to define edits for processing and downstream processing.

Eliminating the Y FACTOR numbers from the Timely Reservation flow and from the initial processing of 888 data through the SMS and SCP processes, is a key element in the SNAC plans to eliminate the possibility of over loading those processes during 888 roll out.

### **TASK #26: Develop Initial Load Requirements (Y FACTOR)**

SNAC works with Bellcore to develop Y Factor file requirements in order to load Y factor 888 numbers in SMS.

### **TASK #27: Develop Initial Load Error Correction Process (Y FACTOR)**

SNAC works with DSMI to define methods and procedures for the correction of Y FACTOR requests failed by BELLCORE under defined edit criteria.

### **TASK #28: FCC Issues NPRM**

The Notice of Proposed Rulemaking (NPRM) was published to develop a record and implement sound policy in the following areas: (1) promote the efficient use of toll free numbers; (2) foster the fair and equitable reservation and distribution of toll free numbers; (3) smooth the transition period preceding introduction of a new toll free code; (4) guard against warehousing of toll free numbers; and (5) determine how toll free vanity numbers should be treated.

### **TASK #29: Develop Timely Reservation Guidelines**

SNAC works with Bellcore to define guidelines and open the 888 code prior to March 1, 1996 in order to alleviate pent up demand for 800/888 services. The guidelines will allow for activation feeds prior to March 1, 1996 so that SMS and SCPs can handle pent up demand more efficiently

### **TASK #30: Industry Provides NPRM Comments**

The Industry is to provide comments by November 1, 1995 to the FCC.

**TASK #31: NPRM Comment Reply**

The Industry can provide response comments to the original November 1, 1995 comments by November 15, 1995.

**TASK #32: Number Guideline Review/Revision**

SNAC will readdress Toll Free Number Administration Guidelines considering FCC comments as relief from allocation is sought.

**TASK #33: RESP ORG 888 GA Test Conference Call**

A conference call has been established so all Resp Orgs can monitor the progress of the release 7.1/8.0 GA. The Resp Orgs will have until 5:00 PM CST to perform testing with the new software in place.

**TASK #34: Release 7.1/8.0 GA**

The SMS/800 General Availability (GA) date represents the date that the SMS/800 software to support the new code will be moved into the SMS/800 production system in Kansas City as fully tested and operation ready. 888 Code Activity for reservations and subsequent activations are defined as separate activities and do not begin on the SMS/800 GA date (12/30/95).

**TASK #35: 800 Pent Up Demand Reservation Relief**

In order to meet 800 pent up demand, SNAC has proposed doubling the 800 weekly allocation to meet the customer needs.

**TASK #36: 888 Timely Reservation Begins**

The SMS system is "open" for 888 reservations.

**TASK #37-#40: Weekly Number Administration Monitoring Conference Call**

SNAC scheduled conference calls with Bellcore to monitor reports from Bellcore on total 800 and 888 reservation to assure that pre-reservation activities are within expected parameters. These checkpoints are scheduled to ensure that 800 Exhaust does not occur prematurely.

After 2/25, monitoring by the SNAC/DSMI will be examined to determine that the overall order activity is not negatively impacting SMS/SCPs.

**TASK #41: 888 Programmatic Download Begins**

Effective February 26 through February 29, 1996, activations for 888 will occur programmatically for all due dated orders of February 29. Other due dated orders (March 1 and after) will complete as usual based on the pending due date.

**TASK #42-#43: Daily SMS Impact Monitoring Conference Calls**

Daily conference calls are scheduled to occur between February 26 and March 1, 1996 to assess level of order activity verses SMS/SCP impacts.

**TASK #44: Weekly Number Administration Monitoring Conference Call**

(See Task #37-#40)

**TASK #45-#46: Daily SMS Impact Monitoring Conference Calls**

(See Task #42-#43)

**TASK #47: 888 Programmatic Download Ends**

Effective February 26 through February 29, 1996, activations for 888 will occur programmatically for all due dated orders of February 29. Other due dated orders (March 1 and after) will complete as usual based on the pending due date.

**TASK #48: Daily SMS Impact Call**

(See Task #42-#43)

**TASK # 49: SMS Impact Decision Point**

When SNAC determines that pent up demand 800/888 order activity has been adequately addressed and order volumes have returned to business as usual, the SNAC committee will request allocation/constrained reservation relief..

**7.0 BELLCORE ACTIVITIES**

**TASK #52: Initial Load Requirements Issued (Y Factor)**

Bellcore works with SNAC to develop Y FACTOR Process Requirements including record/file layout requirement.

**TASK #53: File Layout**

DSMI identifies the format the file layout for the RESP ORGS to send them.

**TASK #54: Error Correction/Reconciliation**

Bellcore works with SNAC to develop requirements for the file reconciliation process for the Y factor data to be provided by Resp Orgs.

**TASK #55: NASC Exception Process**

BELLCORE works with SNAC to identify NASC responsibilities, methods and procedures for supporting Y factor mismatches.

**TASK #56: SMS Performance Testing**

NOF certifies that SMS Test Performance results as reported by Bellcore are acceptable.

**TASK #57: SCP Performance Testing**

NOF certifies that SCP Test Performance results as reported by Bellcore are acceptable

**TASK #58: CSB Y Factor Notification Sent**

DSMI sends a bulletin explaining the Resp Orgs that they have the opportunity to identify Y-Factor numbers for protected status.

**TASK #59: DSMI Requirements Sent**

DSMI publishes the final set of requirements for the Y-Factor files and error correction process. They will also itemize the timeline when DSMI and Resp Orgs are expected to send the files.

**TASK #60: Y Factor File Test Receipt Period**

Resp Orgs have the opportunity to work with DSMI and test the file layout of their Y-Factor data.

**TASK #61: Y Factor Test Confirmation File Sent**

DSMI will respond back to Resp Orgs with confirmation on the content of the file.

**TASK #62: Initial Y Factor File Received**

Resp Orgs send DSMI their operational Y factor numbers for protected status.

**TASK #63: Aggregated Y Factor Information Tallied**

DSMI compiles the data that the Resp Orgs provided at an aggregated level of the initial Y-Factor files.

**TASK #64: Perform Initial Y Factor Validation**

DSMI marks acceptable entries as loaded and rejects the disconnect, transitional and RESP ORG mismatch data.

**TASK #65: RESP ORG 888 GA Test Conference Call**

A conference call has been established so all Resp Orgs can monitor the progress of the release 7.1/8.0 GA.

**TASK #66: Release 7.1/8.0 GA**

The SMS/800 General Availability (GA) date represents the date that the SMS/800 software to support the new code will be moved into the SMS/800 production system in Kansas City as fully tested and operation ready. 888 Code Activity for reservations and subsequent activations are defined as separate activities and do not begin on the SMS/800 GA date (12/30/95).

**TASK #67: Y Factor Confirmation Files Sent**

DSMI sends the results of the Initial Y Factor Validation back to the Resp Orgs.

**TASK #68: Y Factor Error Correction Files Received**

This is the cut off date for when the Resp Orgs must provide the corrections to the Y-Factor files and submit them back to DSMI.

**TASK #69: 800 Pent Up Demand Reservation Relief**

In order to meet 800 pent up demand, SNAC has proposed doubling the 800 weekly allocation to meet the customer needs.

**TASK #70: Perform Y Factor Error Correction Validation**

DSMI performs the final check and marks acceptable entries as loaded and rejects disconnect, transitional and RESP ORG mismatch data.

**TASK #71: Y Factor Error Correction Confirmation File**

DSMI sends the final file and identifies which numbers were accepted and loaded and also which numbers were rejected.

**TASK #72: SMS Y Factor Data Base Load**

Assuming the FCC approves making Y factor numbers unavailable, or assigning them to the Resp Org controlling the 800 version, Bellcore would use the "corrected" Y factor file from each Resp Org and loading them into the SMS database as Unavailable or Reserved.

(If the FCC does not approve loading the Y factor numbers, it is presumed that these numbers would be available for reservation by any Resp Org during the timely reservation process.)

NOTE: It should be noted that to ensure the proper processing of the SMS and the SCP; the SNAC project plan assumes that the Y factor volume must be set aside until well after March 1, 1996. If any other decision is made, the project plan must be drastically revised.

**TASK #73: 888 Timely Reservation Begins**

BELLCORE opens SMS for 888 reservations, and activation with a due date of February 29, 1995 or later.

**TASK #74-#77: Weekly Number Administration Monitoring Conference Call**

BELLCORE provides FCC and SNAC with total 800 and 888 reservation statistic to assure that pre reservation activities are within expected parameters.

**TASK #78 -#79: 888 Programmatic Record Download Begins**

Effective February 26 through February 29, 1996, activations for 888 will occur programmatically for all due dated orders of February 29. Other due dated orders (March 1 and after) will complete as usual based on the pending due date.

**TASK #80: Daily SMS Impact Monitoring Conference Calls**

Daily conference calls are scheduled to occur between February 26 and March 1, 1996 to assess level of order activity verses SMS/SCP impacts.

**TASK #81: Day 2 Programmatic Record Download**

(See Task #78-#79)

**TASK #82: Daily SMS Impact Call**

(See Task #80)

**TASK #83: Programmatic Record Download**  
(See Task #78-#79)

**TASK #84: Daily SMS Impact Call**  
(See Task #80)

**TASK #85: Weekly Number Administration Monitoring Conference Call**  
(See Task #74-#77)

**TASK #86: Programmatic Record Download**  
(See Task #78-#79)

**TASK #87: Daily SMS Impact Monitoring Conference Calls**  
(See Task #80)

**TASK #88: 888 Programmatic Record Download Ends**  
(See Task #78-#79)

**TASK #89: Daily SMS Impact Call**  
(See Task #80)

**TASK # 90: SMS Impact Decision Point**

When SNAC determines that pent up demand 800/888 order activity has been adequately addressed and order volumes have returned to business as usual, the SNAC committee will request allocation/constrained reservation relief..

## **8.0 LEC 888 Network Test Plan**

### **TASK #93: EO/AT Translation and Test**

This interval represents the time-frame in which routing translations will be loaded into all the non-SSP end offices and access tandem switches. Testing of the routing translations will also occur during this period of time to assure that 888 traffic will route to a SSP equipped office.

### **TASK #94: SCP Test Tool**

The existing SCP software release will be enhanced to recognize IN queries for select 888-250 numbers and to echo back an appropriate response instead of an error message. This capability allows an SCP owner/operator to confirm that a query has reached the SCP when the 888 network translations are being tested. This capability will be available to SCP Owner/Operators by 9/1/95. This step does not provide for testing the new 888 software scheduled for SCP Release 7.1, see task #72.

### **TASK #95: Receive SSP Upgrades**

This is the time frame in which the various switch suppliers have stated that they will make their SSP software available to the LECs.

### **TASK #96: Soak SSPs**

After a switch vendor makes its SSP software release generally available, each LEC will load that software onto one of their switches in the live network for a period of time. This is done to insure that the SSP upgrade functions properly in the live LEC network environment before the SSP upgrade is widely deployed in multiple switches.

### **TASK #97: Modify STPs**

This is the time interval in which those LECs that need to upgrade their STP releases with software to handle translations for the new code will do so.

### **TASK #98: Deploy SSP Upgrades**

Deployment of SSP upgrades in a LEC network occurs after the switch vendor makes its software release (that incorporates the needed SSP enhancements) generally available and the LEC has completed a soak test of that SSP upgrade in one of its switches. Each LEC will establish a schedule to upgrade SSPs in its network. Typically, these upgrades occur over the weekend and at night; therefore, the length of time required to ready the entire network within the LEC is dependent upon the number of SSPs that must be upgraded.

### **TASK #99: STP Global Title Translations**

During this time interval STP administrators will build and load Global Title Translations (GTTs) to direct queries for the new code to the appropriate SCP.

### **TASK #100: Intra-Network Testing**

Testing of and interactions between the various network elements will be performed by the LECs as the new/changed software and translations are loaded into each of the affected network elements. Testing during this is the time interval, at the LEC's direction, will utilize the SCP 888 Translations Testing Tool described in Task #65. This testing associated with this task will not test the new code functionality of the SCPs.

#### **TASK #101: SCP Rollout**

The SCP roll out activity can not begin until after the SCP software release becomes available on 1/1/96. This availability date represents the date that the SCP software to support the new code will have completed vendor internal testing, field testing, and interoperability testing and will be ready to deploy in and SCP Owner/Operator's Network. Before the SCPs that will initially provide 888 Service are deployed enmasse, unique SCP configurations will be brought up in the live network in a controlled introduction fashion. The following three tasks #73 - #75 describe the roll out of the SCPs.

#### **TASK #102: Config 1 Controlled Introduction**

The first SCP controlled introduction will be on a "single application" SCP configuration. Upon the successful conclusion of this controlled introduction the roll out of the other "single application" SCPs throughout the country can begin.

#### **TASK #103: Config 2 Controlled Introduction**

The second SCP controlled introduction will be on a "multi-application" SCP configuration. Upon the successful conclusion of this controlled introduction the roll out of the other "multi-application" SCPs throughout the country can begin.

#### **TASK #104: SCP Upgrades**

The SCP deployment interval represents the time-frame in which all SCPs that will be initially used to service the new code in Canada and the United States will be upgraded with software to support the new code.

#### **TASK #105: Intra-Network Testing**

This activity focuses on ensuring that 888 Service activation proceeds smoothly in the live LEC network. LEC network integration begins after new/changed software has been loaded into their affected network elements. A service activation strategy defines, for example, the order in which network elements are provisioned. A set of Methods, Operations and Procedures (MOPs) defines individual steps in the provisioning process, including Operations Systems (OS) procedures. Test calls are made from/to each supplier's switch using different access arrangements (e.g., POTS line, ISDN line, etc.) to verify that the end-to-end service is operating properly. This includes proper routing/handling of calls as well as proper collection of service data (e.g., measurements) by OSs. Testing during this period will utilize the new code functionality of the SCP.

#### **TASK #106: National Testing**

Call through testing from LEC networks to IXC networks will take place nationally during this time period. There will be no "area of service" restrictions from where calls can be originated. Test calls can be originated by LECs or IXCs.

#### **TASK #107: 8610 Compliance**

888 is certified to be in compliance with Docket 8610; meeting Post Dial Delay specifications as outlined.

#### **TASK #108: Network Ready**

This is the date when LEC networks will be ready for processing 888 calls. The Network Ready date assumes no reservations or downloads of 888 numbers prior to March 1, 1996.



## **9.0 SCP Owner Operator**

SCP Owner Operators committed to an SCP scheduled availability date for 888 on September 24, 1995. As switch software is received and loaded in nationwide SCPs, we have allowed for TASK #81 and #82 as stated below.

### **TASK #111: Go/Hold SCP Data Base Load**

A Go/Hold date is recommended to review progress and identify any jeopardies.

### **TASK #112: Network Service Ready Date**

A Network Service Ready Date is marked to certify readiness on the part of the SCP Owner Operators.

## **10.0 NOF TEST PLAN ACTIVITIES**

### **TASK #115: Internetwork Testing**

Internetwork Testing can begin when the SCPs are in place. NOF completes and certifies testing results are acceptable.

### **TASK #116: National Testing**

End-to-End testing is completed and results are certified acceptable.

## **11.0 RESP ORG ACTIVITIES**

### **TASK #119: Receipt of DSMI Requirements**

Resp Orgs receives the final set of requirements for the Y-Factor files and error correction process from DSMI. In addition, they also receive the itemized timeline when DSMI and Resp Orgs are expected to send the files

### **TASK #120: Send Y Factor Test File**

Resp Orgs have the opportunity to work with DSMI and test the file layout of their Y-Factor data.

### **TASK #121: Y Factor Test File Confirmation Received**

Resp Orgs receive from DSMI the confirmation on the content of the file sent.

### **TASK #122: Send Y Factor Initial Load File**

Resp Orgs send DSMI their operational Y-Factor numbers for protected status.

### **TASK #123: RESP ORG 888 GA Test Conference Call**

### **TASK #124: Release 7.1/8.0 GA**

A conference call has been established so all Resp Orgs can monitor the progress of the release 7.1/8.0 GA.

**TASK #125: Initial Y Factor Confirmation Data Received**

DSMI sends the results of the Initial Y Factor Validation back to the Resp Orgs.

**TASK #126: Reconciliation of Y Factor Initial Load File**

This is the time period when Resp Orgs must correct their file with numbers in a reject status.

**TASK #127: Send Y Factor Error Correction File**

This is the cut off date for when the Resp Orgs must provide the corrections to the Y-Factor files and submit them back to DSMI.

**TASK #128: Y Factor Error Correction Confirmation Record**

DSMI sends the final file and identifies which numbers were accepted and loaded and also which numbers were rejected.

**TASK #129: 800 Pent Up Demand Reservation Relief**

In order to meet 800 pent up demand, SNAC has proposed doubling the 800 weekly allocation to meet the customer needs.

**TASK # 130: 888 Timely Reservation Begins**

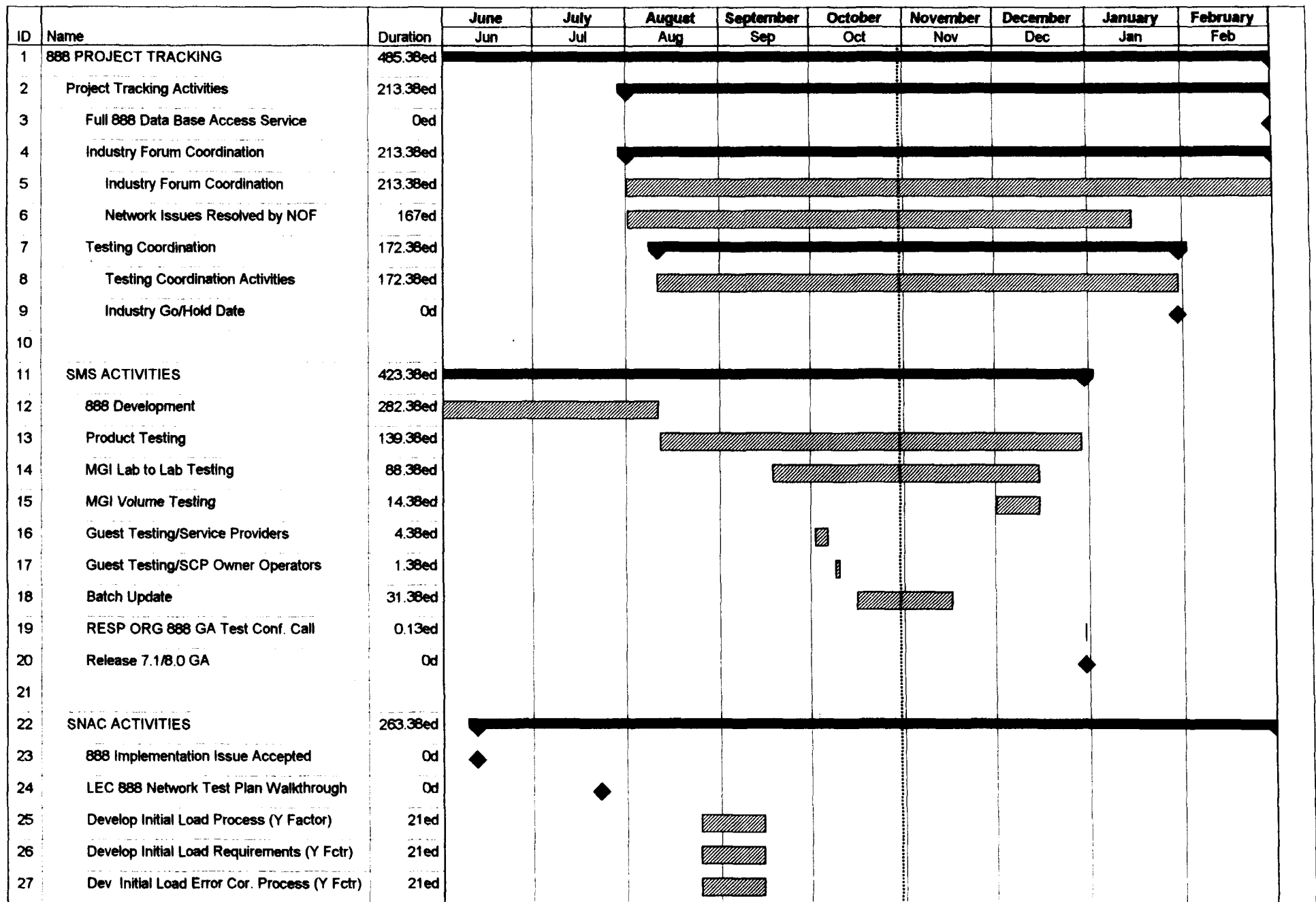
Resp Orgs submit 888 Reservations and Activation requests based on allocation limits recommended by SNAC and as approved by FCC.

**TASK #131: 888 Programmatic Record Download Begins**

Effective February 26 through February 29, 1996, activations for 888 will occur programmatically for all due dated orders of February 29. Other due dated orders (March 1 and after) will complete as usual based on the pending due date.

**TASK #132: 888 Programmatic Record Download Ends**

(See Task #131)



Project: SNAC 888 Implementation  
Date: 10/30/95

Critical



Progress



Summary
























Noncritical



Milestone



ID	Name	Duration	June Jun	July Jul	August Aug	September Sep	October Oct	November Nov	December Dec	January Jan	February Feb
28	FCC Issues NPRM	0.38ed									
29	Develop Timely Reservation Guidelines	10d									
30	Industry Provides NPRM Comments	0.38ed									
31	NPRM Comment Reply	0.38ed									
32	Number Guideline Review/Revision	76ed									
33	RESP ORG 888 GA Test Conf. Call	0.13ed									
34	Release 7.1/8.0 GA	0d									
35	800 Pent Up Demand Reservation Relief	7ed									
36	888 Timely Rervation Begins (CST)	0d									
37	1st Wkly # Admin. Monitoring Conf. Call	0d									
38	2nd Wkly # Admin. Monitoring Conf. Call	0d									
39	3rd Wkly # Admin. Monitoring Conf. Call	0d									
40	4th Wkly # Admin. Monitoring Conf. Call	0d									
41	888 Programmatic Download Begins	1ed									
42	Daily SMS Impact Monitoring Conf. Calls Be	0d									
43	2nd Daily SMS Impact Call	0d									
44	5th Wkly # Admin. Monitoring Conf. Call	0d									
45	3rd Daily SMS Impact Call	0d									
46	4th Daily SMS Impact Call	0d									
47	888 Programmatic Download Ends	0d									
48	5th Daily SMS Impact Call	0d									
49	SMS Impact Decision Point	0.24ed									
50											
51	BELLCORE ACTIVITIES	168.38ed									
52	Initial Load Reqmts Issued (Y Factor)	15.38ed									
53	File Layout	15.38ed									
54	Error Correction	15.38ed									

Project: SNAC 888 Implementation  
Date: 10/30/95

Critical



Noncritical



Progress



Milestone



Summary



ID	Name	Duration	June	July	August	September	October	November	December	January	February
			Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
55	Nasc Exception Process	15.38ed									
56	SMS Performance Testing	59.38ed									
57	SCP Performance Testing	74.38ed									
58	CSB Y Factor Notification Sent	0.38ed									
59	DSMI Requirements Sent	0.38ed									
60	Y Factor File Test Receipt Period	7.38ed									
61	Y Factor Test Confirmation Files Sent	0.38ed									
62	Initial Y Factor File Received	0.38ed									
63	Aggregated Y Factor Information Tallied	0.38ed									
64	Perform Initial Y Factor Validation	19.38ed									
65	RESP ORG 888 GA Test Conf. Call	0.13ed									
66	Release 7.1/8.0 GA	0d									
67	Y Factor Confirmation Files Sent	0.38ed									
68	Y Factor Error Correction Files Received	0.38ed									
69	800 Pent Up Demand Reservation Relief	7ed									
70	Perform Y Factor Error Correction Validation	7.38ed									
71	Y Factor Error Correction Confirmation Files	0.38ed									
72	SMS Y Factor Data Base Load	18.38ed									
73	888 Timely Reservation Begins (CST)	0d									
74	1st Wkly # Admin. Monitoring Conf. Call	0d									
75	2nd Wkly # Admin. Monitoring Conf. Call	0d									
76	3rd Wkly # Admin. Monitoring Conf. Call	0d									
77	4th Wkly # Admin. Monitoring Conf. Call	0d									
78	888 Programmatic Record Download Begins	0d									
79	Day 1 Programmatic Record Download	1ed									
80	Daily SMS Impact Monitoring Conf. Calls Be	0d									
81	Day 2 Programmatic Record Download	1ed									

Project: SNAC 888 Implementation  
Date: 10/30/95

Critical



Progress



Summary



Noncritical



Milestone



ID	Name	Duration	June Jun	July Jul	August Aug	September Sep	October Oct	November Nov	December Dec	January Jan	February Feb
82	2nd Daily SMS Impact Call	0d									◆
83	Day 3 Programmatic Record Download	1ed									◆
84	3rd Daily SMS Impact Call	0d									◆
85	5th Wkly # Admin. Monitoring Conf. Call	0d									◆
86	Day 4 Programmatic Record Download	1ed									◆
87	4th Daily SMS Impact Call	0d									◆
88	888 Programmatic Record Download Ends	0d									◆
89	5th Daily SMS Impact Call	0d									◆
90	SMS Decision Point	0.24ed									◆
91											
92	LEC 888 NETWORK TEST PLAN	182ed									
93	EO/AT Trans & Test	177.38ed									
94	SCP Test Tool	0.38ed									
95	Receive SSP Upgrades	88.38ed									
96	Soak SSPs	114.38ed									
97	Modify STPs	90.38ed									
98	Deploy SSP Upgrades	107.38ed									
99	STP Global Title Trans	120.38ed									
100	Intranetwork Testing	106.38ed									
101	SCP Rollout	56.38ed									
102	Config 1 Control Intr	17.38ed									
103	Config 2 Control Intr	8.38ed									
104	SCP Upgrades	39.38ed									
105	Intranetwork Testing	53.38ed									
106	National Testing	1.38ed									
107	8610 Compliance	0d									◆
108	Network Ready	0d									◆

Project: SNAC 888 Implementation  
Date: 10/30/95

Critical



Noncritical



Progress



Milestone



Summary



ID	Name	Duration	June	July	August	September	October	November	December	January	February
			Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
109											
110	SCP OWNER OPERATOR	23ed									
111	Go/Hold SCP Data Base Load	0.38ed									
112	Network Service Ready Date	0d									
113											
114	NOF TEST PLAN ACTIVITIES	35.38ed									
115	Internetwork Testing	33.38ed									
116	National Testing	1.38ed									
117											
118	RESP ORG ACTIVITIES	108.67ed									
119	Receipt of DSMI Requirements	0.38ed									
120	Send Y Factor Test File	8.38ed									
121	Y Factor Test File Confirmation Received	0.38ed									
122	Send Y Factor Initial Load File	0.38ed									
123	RESP ORG 888 GA Test Conf. Call	0.13ed									
124	Release 7.1/8.0 GA	0d									
125	Initial Y Factor Confirmation Data Received	0.38ed									
126	Reconciliation of Y Factor Initial Load File	5.38ed									
127	Send Y Factor Error Correction File	0.38ed									
128	Y Factor Error Correction Confirmation Rece	0.38ed									
129	800 Pent Up Demand Reservation Relief	7ed									
130	888 Timely Reservation Begins (CST)	0d									
131	888 Programmatic Record Download Begins	0d									
132	888 Programmatic Record Download Ends	0d									

Project: SNAC 888 Implementation  
Date: 10/30/95

Critical



Noncritical



Progress



Milestone



Summary



RESPORG REPLICATION SURVEY RESULTS**Questions:**

1. How many working 800 numbers do you currently provide RESP  
ORG services for?

4,745,514

2. What number of your total working 800 numbers are considered  
by your customers to be "vanity" numbers and/or numbers  
which they have a vested interest in retaining (hereinafter  
"vanity" numbers)?

1,142,247 (24%)

3. Of those customers who consider their 800 number(s) "vanity"  
numbers, how many would consider that same number to be a  
vanity number and would want it replicated in:

888: 1,138,122 (24%)

877:

866:

855:

844:

833:

822: 721,484 (15%)

4. What number of those numbers which would be replicated in  
888 are considered to be assigned to customers with monthly  
billings of:

- |    |  |               |
|----|--|---------------|
| a) | More than \$5,000 (i.e., large customers):               | 542,556 (53%) |
| b) | Between \$1,000 and \$5,000<br>(i.e., medium customers): | 151,986 (15%) |
| c) | Under \$1,000 (i.e., small customers):                   | 325,503 (32%) |

5. To the extent that your company differentiates residential  
customers from business customers, of the total numbers  
projected for replication, how many would be replicated for  
residential customers?

8,122 (1% of total for questions 6,7,8)



6. To the extent that your company differentiates residential customers from business customers, of the total numbers projected for replication, how many would be replicated for business customers?

961,396 (97% of total for questions 6,7,8)

7. Of the total numbers projected for replication, how many would be replicated for the paging industry?

23,199 (1% of total for questions 6,7,8)

8. Of the total numbers projected for replication, how many numbers would be replicated for the reasons below:

Vanity number and/or marketing concerns (i.e., "branding"):	75%
Wrong number billing concerns:	35%
Concerns over consumer education regarding toll-free NPAs:	10%
Other:	10%

Percentages are average percentages listed on individual responses.